

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	329	virtual adj3 map\$4 adj2 virtual	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 12:48
S2	145	virtual adj2 map\$4 adj2 virtual	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 12:40
S3	2	"20030126327".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 12:40
S4	5215	(primary near2 virtual) same map\$4 (second\$3 near2 virtual)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 12:50
S5	14	(primary near2 virtual) same map\$4 same(second\$3 near2 virtual)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/15 10:10
S6	248	(map\$4 near2 (hierarch\$4 or (multi adj level))) same ((logical or virtual) address\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:44
S7	77	(map\$4 near2 (hierarch\$4 or (multi adj level))) near3 ((logical or virtual) address\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 15:16
S8	1	redirect\$4 near2 ((second\$4 adj virtual) adj (memory or volume or storage or system or network or device))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 15:18
S9	222	((second\$4 adj virtual) adj (memory or volume or storage or system or network or device))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 15:18

S10	222	((second\$4 adj virtual) adj (memory or volume or storage or system or network or device))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 15:19
S11	18	map\$4 near2 ((second\$4 adj virtual) adj (memory or volume or storage or system or network or device))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 14:23
S12	28	map\$4 near2 ((second\$4 adj virtual) near2 (memory or volume or storage or system or network or device))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 16:36
S13	2	"6735765".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 16:36
S14	2	"6304951".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 16:36
S15	4	S13 or S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 16:36
S16	373344	map\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 16:36
S17	2	S15 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 16:36
S18	25	((primary or first) near2 (virtual or logical)) same redirect\$4 same (second\$3 near2 (virtual or logical))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/15 10:12



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1 The state of the art in locally distributed Web-server systems



Valeria Cardellini, Emiliano Casalicchio, Michele Colajanni, Philip S. Yu

June 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 2

Full text available: [pdf\(1.41 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The overall increase in traffic on the World Wide Web is augmenting user-perceived response times from popular Web sites, especially in conjunction with special events. System platforms that do not replicate information content cannot provide the needed scalability to handle large traffic volumes and to match rapid and dramatic changes in the number of clients. The need to improve the performance of Web-based services has produced a variety of novel content delivery architectures. This article w ...

Keywords: Client/server, World Wide Web, cluster-based architectures, dispatching algorithms, distributed systems, load balancing, routing mechanisms

2 Interposed request routing for scalable network storage



February 2002 **ACM Transactions on Computer Systems (TOCS)**, Volume 20 Issue 1

Full text available: [pdf\(363.12 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This paper explores interposed request routing in Slice, a new storage system architecture for high-speed networks incorporating network-attached block storage. Slice interposes a request switching filter---called a *μproxy*---along each client's network path to the storage service (e.g., in a network adapter or switch). The *μproxy* intercepts request traffic and distributes it across a server ensemble. We propose request routing schemes for I/O and file service traffic, and explore th ...

Keywords: Content switch, file server, network file system, network storage, request redirection, service virtualization

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